TRANSMITTAL LETTER Docket No. (General - Patent Pending) 480.18-4 (HV) on Of: GRUENERT, ET AL. Examiner **Group Art Unit** Serial No. Filing Date **SEPTEMBER 9, 1999** UNASSIGNED 09/392,682 Title: GENE THERAPY BY SMALL FRAGMENT HOMOLOGOUS REPLACEMENT TO THE ASSISTANT COMMISSIONER FOR PATENTS: Transmitted herewith is: 1. TRANSMITTAL LETTER; 2. RESPONSE TO RESTRICTION REQUIREMENT AND PRELIMINARY AMENDMENT; 3. PETITION FOR EXTENSION OF TIME (2 MONTHS) AND CHECK IN THE AMOUNT OF \$195; 4. CHANGE OF ATTORNEY'S NAME AND ADDRESS IN APPLICATION; AND 5. POSTCARD. in the above identified application.

is attached.

The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No.

as described below. A duplicate copy of this sheet is enclosed.

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Dated: OCTOBER 4, 2000

HANA VERNY (REG. NO. 30,518) PETERS, VERNY, JONES& BIKSA LLP 385 SHERMAN AVENUE, SUITE 6 PALO ALTO, CA 94306

No additional fee is required. A check in the amount of \$195.00

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HANA VERNY (REG. NO. 30,518)

Typed or Printed Name of Person Mailing Correspondence

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

DIETER C. GRUENERT, ET AL.

)

Group No.

#7B

Serial No.: 09/392,682

Examiner: LEE, G.

Joula

Filed: September 9, 1999

For: GENE THERAPY BY SMALL FRAGMENT

HOMOLOGOUS REPLACEMENT

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BOX FEE AMENDMENT

Assistant Commissioner for Patents

Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on October 4, 2000.

Hana Verny (Reg. No. 30,518)

Response to Restriction Requirement

and Preliminary Amendment

This Amendment and Response to Restriction Requirement is being filed in response to the Office Action dated July 21, 2000.

In the Claims

Cancel claims 1-7. Add new claims 8-16.

8. (New) A method for in vitro homologous replacement, in

target cells, of an (exon carrying an endogenous targeted mutant DNA